

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AF		Page 1 of 5
Title: Commodity Specific Requirements for Spinach		
Revision: 1	Replaces: 07/01/02	Effective: 10/01/02

1. Purpose:

To provide a listing of PDP identified required compounds for spinach.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing spinach for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Spinach Multi Residue Screens
- 5.2 Marker Pesticides for Spinach Multi Residue Screens

4. References:

- PDP Program Plan July – December 2002
- USDA, AMS-EPA PDP Planning Meeting, January 30, 2002
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”
- Pesticide Chemical News Guide

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Compounds Required for Spinach Multi Residue Screens

Spinach Compound	Reported As	PestCode
Azinphos methyl		042
Captan		011
Carbaryl		102
Chlorpropham		114
Cycloate		232
Cypermethrin		597
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Diazinon		024
Diazinon O-analog		395
Dichlorvos (DDVP)		338
Dieldrin		028
Dimethoate		171
Disulfoton		117
Disulfoton sulfone		216
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Fludioxonil		B23
Fluridone		736
Fonofos		163
Heptachlor epoxide		143
Lindane		050
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methomyl		159
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Metolachlor		283

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Spinach Compound	Reported As	PestCode
Mevinphos	Mevinphos E	579
	And Mevinphos Z	578
	Or Mevinphos (total combined)	069
Myclobutanil		679
Omethoate		178
Oxadixyl		A46
Parathion		065
Parathion O-analog		370
Permethrin	Permethrin cis	222
	And Permethrin trans	223
	Or Permethrin (total combined)	539
Phenmedipham		791
Prometryn		249
Trifluralin		151

5.2 Marker Pesticides for Spinach Multi Residue Screens

Azinphos methyl	Carbaryl	DDE p,p'
Diazinon	Dimethoate	Endosulfan I
Methomyl	Permethrin	

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09/17/02

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Revision 1

September 2002

Monitoring Programs Office

- Added Texas testing requirements for fludioxonil and fluridone
 - Removed Texas testing requirements for pymetrozine and tebufenozide
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